GeForce® GTX 590

ZOTAC
It's Time to Play

SKU: ZT-50501-10P

Completely transform your gaming experience with the ZOTAC GeForce® GTX 590, the fastest graphics card with Microsoft® DirectX® 11 technology ever produced. The ZOTAC GeForce® GTX 590 delivers out-of-this-world performance by combining a pair of Fermi graphics processors working together to enable an unprecedented gaming experience with phenomenal visuals, clarity and immersion.

NVIDIA® 3D Vision™ Surround technology enables the ZOTAC GeForce® GTX 590 to drive three simultaneous 3D-capable displays for the ultimate immersive gaming experience with stereoscopic 3D effects. When more performance is desired, two ZOTAC GeForce® GTX 590s can combine with NVIDIA® Quad SLI™ technology to create a monstrous gaming system with four graphics processors.

Specifications

- Dual NVIDIA® GeForce® GTX 500 GPUs
- 1024 Unified Shaders (512 per GPU)
- 3072MB GDDR5 (1536MB per GPU)
- 768-bit memory bus (384-bit per GPU)
- Core Clock: 607 MHz
- Shader Clock: 1215 MHz
- Memory Clock: 3414 MHz
- PCI Express 2.0 (compatible with 1.1)

Software compatibility

- NVIDIA® ForceWare™ Drivers
- Microsoft® DirectX® 11
- OpenGL® 4.1
- Microsoft® Windows® XP/Vista/7

Dimensions

- Height: 4.376in - 111.15mm
- Width: 11in - 279.4mm

Inside the box

- DVI-to-HDMI cable
- DVI-to-VGA adapter
- 2 x Dual 6-pin PCIe to 8-pin PCIe power adapter
- Assassin's Creed®: Brotherhood game bundle
- Driver Disk
- ZOTAC Boost software bundle
- User manual

Features

- NVIDIA® Unified Architecture
- NVIDIA® 3D Vision™ Surround ready
- Quad NVIDIA® SLI™ ready
- NVIDIA® PhysX® Technology
- NVIDIA® CUDA™ Technology
- NVIDIA® PureVideo™ HD technology
- HDMI xvYCC Color & DeepColor technologies
- HDMI 1.4a compliant
- Hardware-accelerated Blu-ray 3D ready

Connectors

- Triple dual-link DVI (Up to 2560x1600)
- HDMI (via included DVI-to-HDMI cable)
- Mini-DisplayPort
- VGA (with included DVI-to-VGA adapter)
- HDCP ready
- SLI™ bridge connector (Quad SLI™ ready)

HDTV ready

- ED 480p
- HD 720p
- HD 1080i
- Full HD 1080p

Power requirements

- 700-watt power supply recommended
- 365-watt max power consumption

PhysX by NVIDIA · NVIDIA PureVideo HD · NVIDIA GeForce CUDA

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